| TypeHite   | Sparch Text   | DBs                                | . Tem          |
|--|---|------------------------------------|----------------|
| BRS:1 (((( ( (separate or divide or dividing   | g or separating) adj (channel or soj))) and pixel and tft) and (@ad<2003  | 31113 or @ USPAT: US-PGPUB         | 2004           |
| 2 BRS, 23 (((separate or divide or dividing o  | or separating) adj (channel or soi)) with capacitor)  | USPAT: US-PGPUB                    | 2004           |
| BRS 0 (( ( (separate or divide or dividing   | or separating) adj (channel or soi)) with capacitor)) and pixel and tft   | USPAT; US-PGPUB                    | 2004           |
|  | or separating) adi (channel or soi)) with capacitor)) and tft   | USPAT; US-PGPUB                    | 2004           |
|  | or separating) adi (channel or soi)) with capacitor)) and (@ad<200311   |                                    | 2004           |
|  | or separating) near (channel or soi or silicon or body)) with capacitor))   |                                    | 2004           |
|  | or separating) near (channel or soi or silicon or body)) with capacitor))<br>body or substrate) with capacitor)) and pixel and tft) and (@ad<200311 |                                    | 2004<br>2004   |
|  | ody or substrate) with capacitor)) and pixel and (tt) and (@ad<20031)   | 13 or @rlad USPAT: US-PGPUB        | 2004           |
|  | ody or substrate) with capacitor)) and pixel and tft) and (@ad<2003111  | 3 or @dad USPAT: US-PGPUB          | 2004           |
|  | ody or substrate) with capacitor)) and pixel and tft) and (@ad<2003111  |                                    | 2004           |
| \$2 BRS 3 (((( (channel or soi or silicon or bo                                      | ody or substrate) with capacitor)) and pixel and tft) and (@ad<2003111  |                                    | 2004           |
| 12 BRS 1 "5317432".PN.   |   | USPAT                              | 2004           |
| 14 BRS 1 "5717224".PN.   |   | USPAT                              | 2004           |
| 35 BRS 2 *05061071"  |   | DERWENT                            | 2004           |
| 16 BRS 4 "05061071"  | 1   | JPO; DERWENT                       | 2004           |
| BRS 15 (((( channel or soi or silicon or bo  | ody or substrate) with capacitor)) and pixel and tft) and (@ad<2003111  | 3 or @dad USPAT; US-PGPUB          | 2004           |
| \$9 BRS 16 ("5745195" and (@ad<20031113  | ndy or substrate) with capacitor)) and pixel and tft) and (@ad<2003111<br>for @rlad<20031113)) and capacitor  |                                    | 2004           |
| 20 BRS 19 "5745195" and (@ad<20031113  |   | USPAT: US-PGPUB                    | 2004           |
|  | on or semiconductor)) with capacitor)) and (@ad<20031113 or @rlad   |                                    | 2004           |
|  | on or semiconductor)) with capacitor)) and (@ad<20031113 or @rlad   | I<20031113.USPAT: US-PGPUB         | 2004           |
| 23 BRS 17 (( ((different or separate) adj (silico                                    | on or semiconductor)) with capacitor)) and (@ad<20031113 or @rlad   | I<20031113:USPAT: US-PGPUB         | 2004           |
| 24 BRS 1 ((( ((different or separate) adj (silic                                     | con or semiconductor)) with capacitor)) and (@ad<20031113 or @rla   | d<2003111 USPAT; US-PGPUB          | 2004           |
| 25 BRS 4 (( ((different or separate) adj (silico                                     | on or semiconductor)) with capacitor)) and (@ad<20031113 or @rlad   | I<20031113 USPAT; US-PGPUB         | 2004           |
| 26 BRS 4 (( ((different or separate) adj (silico                                     | on or semiconductor)) with capacitor)) and (@ad<20031113 or @rlad   | <20031113 USPAT; US-PGPUB          | 2004           |
| BRS 31 (((((different or separate) near cap  | pacitor) and (@ad<20031113 or @rlad<20031113) and tft) and (subs  |                                    | 2004           |
| 28 BRS 2 "6031599" and (@ad<20031113<br>29 BRS 3 ((different or separate) near capac | or @rlad<20031113) and tft  | USPAT; US-PGPUB                    | 2004           |
| 30 BRS 4 (((different or separate) near capac  | itor) and (@ad<20031113 or @rlad<20031113) and tft<br>citor) and (@ad<20031113 or @rlad<20031113) and pixel) not (((diff                            | EPO; JPO; DERWENT                  | 2004/          |
|  | (@ad<20031113 or @rlad<20031113) and pixel) and (substrate.clm.))   | pot ////difitispat: Its popula     | 2004           |
| 32 BRS 31 (( separate near capacitor ) and (   | @ad<20031113 or @rlad<20031113) and pixel) and (substrate.clm.)   | USPAT: US-PGPUB                    | 2004           |
| 33 BRS 3 (( (separate near capacitor) with se  | eparate not electrode) and (@ad<20031113 or @rlad<20031113) an  | d pixel) and USPAT: US-PGPUB       | 2004/          |
| 34 BRS 8 (( (separate near2 capacitor) with  | separate not electrode) and (@ad<20031113 or @rlad<20031113) a  | nd pixel) an USPAT; US-PGPUB       | 2004/          |
| 35 BRS 1 "6031589"   |   | USPAT: US-PGPUB                    | 2004/          |
| 36 BRS 6 ((different or separate) near capac   | itor) and (@ad<20031113 or @rlad<20031113) and pixel  |                                    | 2004/          |
| 37‱BRS :1 : "6031589"  |   | :USPAT; US-PGPUB                   | 2004/          |
| 38 BRS 1 "6031589"<br>39 BRS 0 "6031589"   |   | USPAT; US-PGPUB                    | 2004/          |
|  | eparate not electrode) and (@ad<20031113 or @rlad<20031113) and   | USPAT: US-PGPUB                    | 2004/          |
| ##### BRS 0 ( (pixel near2 aluminum) with resist                                     | eparate not electrode) and (@ad<20031113 or @riad<20031113) and<br>lance) and (@ad<20031113 or @riad<20031113) and (lcd)                            | I pixel USPAT: US-PGPUB            | 2004/          |
|  | rance) and (@ad<20031113 or @dad<20031113)  | USPAT; US-PGPUB<br>USPAT; US-PGPUB | 2004/<br>2004/ |
|  | r impedance))) and (@ad<20031113 or @riad<20031113) and (lcd)   | USPAT: US-PGPUB                    | 2004/          |
| *  |   | JOI AI, US FORUB                   |                |

| A Line 1 M                 |  | Time   |
|----------------------------|--|--------|
| 20000000 500 6 100 100 100 | (6031589.pn.) and (reflec\$) USPAT: US-PGPUB   | 2004/0 |
|                            | ***************************************  | 2004/0 |
| 45 BRS 3                   | :"6031589" and (reflection or reflect or reflected) ::"6031589" and (reflection or reflect or reflected) ::"6031589" and (@ad<20031113 or @rlad<200311:USPAT; US-PGPUB :: ( (pixel adj electrode) with resistance with metal not (ito or (indium adj tin)) ) and (@ad<20031113 or @rlad<200311:USPAT; US-PGPUB | 2004/0 |
| 47 BRS 8                   | ((pixel adj electrode) with resistance with metal not (ito or (indium adj tin))) and (@ad<20031113 or @riad<200311:USPAT; US-PGPUB   | 2004/0 |
|                            | (( (pixel adj electrode) with resistance with metal not (ito or (indium adj tin)) ) and (@ad<20031113 or @rlad<20031 USPAT; US-PGPUB   | 2004/0 |
| 49 BRS 24                  | (( pixel with resistance with aluminum) and (@ad<20031113 or @rlad<20031113) and (lcd)) not (reflection or reflect USPAT; US-PGPUB   | 2004/0 |
|                            | ((pixel adj electrode) with resistance) and (((pixel adj electrode) with metal not (ito or (indium adj tin))) and (@a USPAT; US-PGPUB  | 2004/0 |
|                            | (( (pixel adj electrode) with resistance ) and ((( (pixel adj electrode) with metal not (ito or (indium adj tin)) ) and (@a:USPAT; US-PGPUB  | 2004/0 |
|                            | (smaller with electrode with integration) and lcd  | 2004/0 |
|                            |  | 2004/0 |
| 54 BRS 4                   | (smaller with electrode with integration) and pixel USPAT; US-PGPUB ((smaller with (pixel adj electrode) with (desired or desirable))) and (@ad<20031113 or @rlad<20031113) and (lcd) USPAT; US-PGPUB  | 2004/0 |
| 55 BRS 16                  | (smaller with (nivel adi electrode) with (desired or desirable))   | 2004/0 |
| 56 BRS 16                  | (smaller with (pixel adj electrode) with (desired or desirable))  ((smaller with (pixel adj electrode) with (desired or desirable))) and (@ad<20031113 or @rlad<20031113)  USPAT; US-PGPUB   | 2004/0 |
| 57 BRS 4                   | ((smaller with (pixel adj electrode)) ) and (trend with (size or smaller)) :USPAT; US-PGPUB  | 2004/0 |
| 58 BRS 0                   | (smaller with (pixel adj electrode) with trend) USPAT: US-PGPUB  | 2004/0 |
|                            | ((smaller with (pixel adj electrode)) same trend) USPAT; US-PGPUB  | 2004/0 |
| 60 BRS 0                   | ((size with (pixel adi electrode)) same trend) USPAT; US-PGPUB   | 2004/0 |
|                            | ((pixel adj electrode) same ((size or smaller) with trend) ) USPAT; US-PGPUB   | 2004/0 |
|                            | (( (pixel adj electrode) with metal not (ito or (indium adj tin)) ) same (resistance or resistivity)) and (@ad<20031113 USPAT; US-PGPUB  | 2004/0 |
| 83 BRS 15                  | ((( (pixel adj. electrode) with metal not (ito or (indium adj.tin)) ) same (resistance or resistivity)) and (@ad<20031113 USPAT; US-PGPUB  | 2004/0 |
| 84 BRS 3                   | (((( (pixel adi electrode) with metal not (ito or (indium adi tin)) ) same (resistance or resistivity)) and (@ad<20031113:USPAT; US-PGPUB  | 2004/0 |
|                            |  | 2004/0 |
| 66 BRS 3                   | (small adj (pixel adj electrode)) ::USPAT; US-PGPUB<br>( (pixel adj electrode) with resistance with metal)_and ((( (pixel adj electrode) with metal not (ito or (indium adj tin)) ) :USPAT; US-PGPUB   | 2004/0 |
| 67 BRS 11                  | ((small adj (pixel adj electrode)) ) and (@ad<20031113 or @rlad<20031113) USPAT US-PGPUB   | 2004/0 |
| 68 BRS 4                   | ((small adj (pixel adj electrode))) and (@ad<20031113 or @riad<20031113)  (pixel with resistance) and ((flod or pixel) and (faster with (pixel adj electrode))) and (@ad<20031113 or @riad<20 USPAT; US-PGPUB  (lod or pixel) and (faster with (pixel adj electrode))  | 2004/0 |
| 69 BRS 19                  | (lcd or pixel) and (faster with (pixel adj electrode)) USPAT; US PGPUB   | 2004/0 |
| 70 BRS 19                  | ((icd or pixel) and (faster with (pixel adi electrode))) and (@ad<20031113 or @rlad<20031113) USPAT US-PGPUB   | 2004/0 |
| 71 BRS 3                   | ((lcd or pixel) and (faster with (pixel adj electrode))) and (@ad<20031113 or @rlad<20031113) USPAT; US PGPUB ((((lcd or pixel) and ((low adj resistance) with (pixel adj electrode))) and (@ad<20031113 or @rlad<20031113) ) not :USPAT; US-PGPUB   | 2004/0 |
| 72 BRS 31                  | (( ( resistance with (pixel adj electrode) not (transparent or ito))) and (@ad<20031113 or @rtad<20031113) ) not ((e:USPAT; US PGPUB   | 2004/0 |
|                            | (( ( resistance with (pixel adj electrode) not (transparent or ito))) and (@ad<20031113 or @rlad<20031113) ) not ((( USPAT, US PGPUB   | 2004/0 |
|                            | *5717224*,PN. *USPAT   | 2004/0 |
| 75 BRS 2                   | "05081071" JPO   | 2004/0 |
| ₹6::: BRS 1                | "5317432" PN. USPAT  | 2004/0 |
| 77 BRS 1                   | ."6493046" USPAT   | 2004/0 |
| 78 BRS 8                   | (( (separate near3 capacitor) with separate not electrode ) and (@ad<20031113 or @rlad<20031113) and pixel) an USPAT: US-PGPUB   | 2004/0 |
| 79 BRS 0                   | ((separate near3 capacitor) with separate not electrode) and ("5717224" and (@ad<20031113 or @rlad<2003111 USPAT; US-PGPUB   | 2004/0 |
| BØS BRS 0                  | ( (separate near3 capacitor) with separate) and ("5717224" and (@ad<20031113 or @rlad<20031113) ) :USPAT: US-PGPUB   | 2004/0 |
| 81 BRS 8                   | ( '4829358' USPAT; US-PGPUB  | 2004/0 |
| 82 BRS 11                  | "5289174" USPAT; US-PGPUB  | 2004/0 |
| 83 BRS 11                  | *5289174* and (@ad<20031113 or @rlad<20031113) USPAT: US-PGPUB   | 2004/0 |
| 84 BRS 35                  | "5321535" USPAT: US-PGPUB  | 2004/0 |
| 95 BRS 31                  | C5321535" USPAT; US-PGPUB  | 2004/0 |
| 88 BRS 5                   | ("5321535" USPAT: US-PGPUB   | 2004/0 |

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